Effectiveness of the Biologics™ Dolphin Bed as a Tool to Improve Tissue Perfusion in Points of Compression

Som Kohanzadeh, MD; Andrew Breithaupt, MS; Artur Bondarchulk, MD; Dhaval Bhavsar, MD; Lars Evers, MD; Kevin Broder, MD; Marek Dobke, MD; Richard Bodor, MD

Division of Plastic Surgery, UC San Diego and VA La Jolla Medical Center, San Diego, California

Laser Doppler Flowometry - Vascular Occlusion

- Engineered Foam (ALTO)
- Fluid Gel (RIK)
- Standard Foam (Skytron Pad)
- Fluid Immersion Simulation™ (Dolphin)

% occlusion

0 15 30 45 60 75 90

12.20% closed
78.00% closed
97.59% closed
98.29% closed